Zeitschrift a Particles für Physik c Particles and Fields

Unter Mitwirkung der Deutschen Physikalischen Gesellschaft

Volume 33 · 1986/87

Editor in Chief:

G. Kramer, Hamburg

Editors:

R. Barbieri, Pisa

P. Darriulat, Geneva

K. Fujikawa, Hiroshima

D. Haidt, Hamburg

P. Hasenfratz, Bern

C. Jarlskog, Stockholm

Coordinating Editor of Sections A, B, C and D:

O. Haxel, Heidelberg

A. Krzywicki, Orsay

H. Satz, Bielefeld and Brookhaven

F. Sciulli, New York

J.C. Taylor, Cambridge

J. Wess, Karlsruhe

F. Wilczek, Santa Barbara



Springer International

Founded in 1920. Edited with the collaboration of the Deutsche Physikalische Gesellschaft by K. Scheel and H. Geiger; Vols 124–141 (1947–1955) by M. v. Laue and R. W. Pohl; Vols 142–203 (1955–1967) by O. Haxel and H. Jensen; Vols 204–258 (1967–1973) by E. Fünfer, O. Haxel, H. Jensen, and G. Leibfried, from Vol. 259 by E. Fünfer, O. Haxel, G. Leibfried, and H.A. Weidenmüller. Vols 129–175 were produced with the collaboration of the Verband Deutscher Physikalischer Gesellschaften; from Vol. 176, the Deutsche Physikalische Gesellschaft. Published: Vols 1–4 (1921) Braunschweig, Fr. Vieweg & Sohn; Vol. 5 onwards, Berlin, Springer. Starting with Vol. 272 (1975) Zeitschrift für Physik has been divided into two separate journals: Zeitschrift für Physik A (Atoms and Nuclei) and Zeitschrift für Physik B (Condensed Matter and Quanta). The title Zeitschrift für Physik B (Condensed Matter) from Vol. 38 (1980). In 1979 a third section was added: Zeitschrift für Physik C (Particles and Fields). In 1986 Zeitschrift für Physik D (Atoms, Molecules and Clusters) was added and the title of Zeitschrift für Physik A (Atoms and Nuclei) changed to Zeitschrift für Physik A (Atoms and Nuclei) changed to Zeitschrift für Physik A (Atoms on Nuclei).

Copyright Submission of a manuscript implies: that the work described has not been published before (except in the form of an abstract or as part of a published lecture, review, or thesis); that it is not under consideration for publication elsewhere; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities at the institute where the work has been carried out; that, if and when the manuscript is accepted for publication, the authors agree to automatic transfer of the copyright to the publisher; and that the manuscript will not be published elsewhere in any language without the consent of the copyright holders.

All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, video disks, etc., without first obtaining written permission from the publisher.

The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations.

While the advice and information in this journal is believed to be true and accurate at the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein

Special Regulations for Photocopies in the USA. Photocopies may be made for personal or in-house use beyond the limitations stipulated under Section 107 or 108 of U.S. Copyright Law, provided a fee is paid. This fee is US \$ 0.20 per page, or a minimum of US \$1.00 if an article contains fewer than five pages. All fees should be paid to the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, stating the ISSN 0170-9739, the volume, and the first and last page numbers of each article copied. The copyright owner's consent does not include copying for general distribution, promotion, new works, or resale. In these cases, specific written permission must first be obtained from the publisher.

Other Regulations. Authors publishing in this journal can, under certain conditions, benefit from library and photocopy fees collected by VG WORT. Authors resident in the Federal Republic of Germany or in West Berlin can apply to Verwertungsgesellschaft WORT, Abteilung Wissenschaft, Goethestraße 49, D-8000 München 2, for detailed information.

Printers: Universitätsdruckerei H. Stürtz AG, Würzburg. – © Springer-Verlag Berlin, Heidelberg, 1987, Printed in Germany

Springer-Verlag GmbH & Co. KG · D-1000 Berlin 33

Achterberg, O., see Berger, Ch., et al. 351 Akiba, T., Kikuchi, H.: Asymptotic Constraint for Chiral Condensation of Coulomb Gauge QCD 377

Albrecht, H., Binder, U., Böckmann, P., Gläser, R., Harder, G., Lembke-Koppitz, I., A., Philipp, Schmidt-Parzefall. Schröder, H., Schulz, H.D., Wurth, R., Yagil, A., Donker, J.P., Drescher, A., Kamp, D., Matthiesen, U., Scheck, H., Spaan, B., Spengler, J., Wegener, D., Gabriel, J.C., Schubert, K.R., Stiewe, J., Strahl, K., Waldi, R., Weseler, S., Edwards, K.W., Frisken, W.R., Fukunaga, C., Gilkinson, D.J., Gingrich, D.M., Goddard, M., Kapitza, H., Kim, P.C.H., Kutschke, R., MacFarlane, D.B., McKenna, J.A., McLean, K.W., Nilsson, A.W., Orr, R.S., Padley, P., Patel, P.M., Prentice, J.D., Seywerd, H.C.J., Yoon, T.-S., Yun, J.C., Ammar, R., Coppage, D., Davis, R., Kanekal, S., Kwak, N., Kernel, G., Pleško, M., Jönsson, K., Babaev, A., Danilov, M., Golutvin, A., Gorelov, I., Lubimov, V., Matveev, V., Nagovitsin, V., Ryltsov, V., Semenov, A., Shevchenko, V., Soloshenko, V., Tschistilin, V., Tichomirov, I., Zaitsev, Yu., Childers, R., Darden, C.W., Oku, Y., Gennow, H.: Measurement of Tau Decays into Three Charged Pions 7

Albrecht, H., Binder, U., Böckmann, P., Gläser, R., Harder, G., Lembke-Koppitz, I., Schmidt-Parzefall, W., Schröder, H., Schulz, H.D., Wurth, R., Yagil, A., Donker, J.P., Drescher, A., Kamp, D., Matthiesen, U., Scheck, H., Spaan, B., Spengler, J., Wegener, D., Gabriel, J.C., Schubert, K.R., Stiewe, J., Strahl, K., Waldi, R., Weseler, S., Edwards, K.W., Frisken, W.R., Fukunaga, Ch., Gilkinson, D.J., Gingrich, D.M., Kapitza, H., Kim, P.C.H., Kutschke, R., MacFarlane, D.B., McKenna, J.A., McLean, K.W., Nilsson, A.W., Orr, R.S., Padley, P., Parsons, J.A., Patel, P.M., Prentice, J.D., Seywerd, H.C.J., Swain, J.D., Tsipolitis, G., Yoon, T .-S., Yun, J.C., Ammar, R., Coppage, D., Davis, R., Kanekal, S., Kwak, N., Boštjančič, B., Kernel, G., Pleško, M., Stefan, J., Jönsson, L., Babaev, A., Danilov, M., Golutvin, A., Gorelov, I., Lubimov, V., Matveev, V., Nagovitsin, V., Ryltsov, V., Semenov, A., Shevchenko, V., Soloshenko, V., Tchistilin, V., Tichomirov, I., Zaitsev, Yu., Childers, R., Darden, C.W., Oku, Y., Gennow, H.: The Decay $D^0 \rightarrow \bar{K}^0 \phi$ 359

Alexander, G., see Berger, Ch., et al. 351 Allison, J., see Bartel, W., et al. 23, 339

Almeida da Silva, M.A. de, Barcelos-Neto, J.: Dirac Quantization of the Supersymmetric Nonlinear σ-Model on a Riemannian Manifold in Superspace 525

Almeida, F., see Berger, Ch., et al. 351 Alner, G.J., Ansorge, R.E., Åsman, B., Booth, C.N., Burow, L., Carlson, P., De

Wolf, R.S., Drees, A., Eckart, B., Ekspong, G., Evangelou, I., Eyring, A., Fabre, J.-P., Fuglesang, C., Gaudaen, J., Geich-Gimbel, C., Holl, B., Hospes, R., Johnson, D.P., Jonand, K., Lotse, F., Manthos, N., Meinke, R., Munday, D.J., Ovens, J.E.V., Pelzer, W., Reidy, J.J., Rushbrooke, J.C., Schmickler, H., Triantis, F., Van hamme, L., Walck, C., Ward, C.P., Ward, D.R., Webber, C.J.S., White, T.O., Wilquet, G., Yamdagni, N.: Scaling of Pseudorapidity Distributions at c.m. Energies up to 0.9 TeV 1

Ambrus, K., see Bartel, W., et al. 23, 339 Ammar, R., see Albrecht, H., et al. 7, 359 Andrasi, A., see Lee, H.C., et al. 107

Ansorge, R.E., Åsman, B., Booth, C.N., Burow, L., Carlson, P., De Wolf, R.S., Drees, A., Eckart, B., Ekspong, G., Evangelou, I., Fuglesang, C., Gaudean, J., Geich-Gimbel, C., Holl, B., Hospes, R., Jon-And, K., Johnson, D.P., Lotse, F., Manthos, N., Munday, D.J., Ovens, J.E.V., Pelzer, W., Rushbrooke, J.G., Schmickler, H., Triantis, F., Van hamme, L., Walck, C., Ward, C.P., Ward, D.R., Webber, C.J.S., White, T.O., Wilquet, G., Yamdagni, N.: Diffraction Dissociation at the CERN Pulsed p\(\tilde{p}\) Collider at c.m. Energies of 900 and 200 GeV 175

Ansorge, R.E., see Alner, G.J., et al. 1 Arneodo, M., Arvidson, A., Aubert, J.J., Badelek, B., Beaufays, J., Bee, C.P., Benchouk, C., Berghoff, G., Bird, I., Blum, D., Böhm, E., Bouard, X. de, Brasse, F.W., Braun, H., Broll, C., Brown, S., Brück H., Calen, H., Chima, J.S., Ciborowski, J., Clifft, R., Coignet, G., Combley, F., Coughlan, J., D'Agostini, G., Dahlgren, S., Dengler, F., Derado, I., Dreyer, T., Drees, J., Düren, M., Eckardt, V., Edwards, A., Edwards, M., Ernst, T., Eszes, G., Favier, J., Ferrero, M.I., Figiel, J., Flauger, W., Foster, J., Gabathuler, E., Gajewski, J., Gamet, R., Gayler, J., Geddes, N., Grafström, P., Grard, F., Haas, J., Hagberg, E., Hasert, F.J., Hayman, P., Heusse, P., Jaffre, M., Jacholkowska, A., Janata, F., Jancso, G., Johnson, A.S., Kabuss, E.M., Kellner, G., Korbel, V., Krüger, J., Kullander, S., Landgraf, U., Lanske, D., Loken, J., Long, K., Maire, M., Malecki, P., Manz, A., Maselli, S., Mohr, W., Montanet, F., Montgomery, H.E., Nagy, E., Nassalski, J., Norton, P.R., Oakham, F.G., Osborne, A.M., Pascaud, C., Pawlik, B., Payre, P., Peroni, C., Peschel, H., Pessard, H., Pettingale, J., Pietrzyk, B., Pietrzyk, U., Pönsgen, B., Pötsch, M., Renton, P., Ribarics, P., Rith, K., Rondio, E., Sandacz, A., Scheer, M., Schlagböhmer, A., Schiemann, H., Schmitz, N., Schneegans, M., Scholz, M., Schröder, T., Schouten, M., Schultze, K., Sloan, T., Stier, H.E., Studt, M., Taylor, G.N., Thénard, J.M., Thompson, J.C., Torre, A. de la, Toth, J., Urban, L., Urban,

L., Wallucks, W., Whalley, M., Wheeler, S., Williams, W.S.C., Wimpenny, S.J., Windmolders, R., Wolf, G.: ϱ^0 and ω Production in Deep Inelastic $\mu-p$ Interactions at 280 GeV/c 167

Arvidson, A., see Arneodo, M., et al. 167 Åsman, B., see Alner, G.J., et al. 1

Åsman, B., see Ansorge, R.E., et al. 175 Aubert, J.J., see Arneodo, M., et al. 167 Auchincloss, P., see Lang, K., et al. 483 Babaev, A., see Albrecht, H., et al. 7, 359

Bäcker, A., see Berger, Ch., et al. 351 Badelek, B., see Arneodo, M., et al. 167 Baldin, A.M., Didenko, L.A., Grishin, V.G., Kuznetsov, A.A., Metreveli, Z.V.: Universality of Hadron Jets in Soft and Hard Particle

Interactions at High Energies 363
Balitsky, I.I., Dyakonov, D.I., Yung, A.V.:
Exotic Mesons with J^{PC} = 1⁻⁺, Strange and

Non-Strange 265

Balkwill, C., see Braunschweig, W., et al. 13 Baranko, G., see Braunschweig, W., et al. 13 Barate, R., Bareyre, P., Bloch, D., Bonamy, P., Borgeaud, P., Bouquet, B., Brunet, J.M., Burmeister, H., Burchell, M., Costa Ramos, S., D'Almagne, B., David, M., Bellefon, A. de, Bouard, G. de, Lesquen, A. de, Dello Russo, P., Duane, A., Engel, J.P., Engelen, J., Ferrer, A., Fillipas, T.A., Fokitis, E., Frenkiel, P., Gazis, E.N., Gregory, P., Guryn, W., Guyonnet, J.L., Hofmokl, T., Katsoufis, E.C., Kent, J., Legendre, R., Lemoigne, Y., Maeshima, K., Magneville, C., Marshall, T., Mc Ewen, J.G., Noon, Ph., Orenstein, S., Papadopoulou, T., Pattison, J.B.M., Petroff, P., Poutot, D., Primout, M., Richard, F., Roudeau, P., Rouge, A., Schaeffer, M., Seez, C., Shoostari, H., Siotis, I., Six, J., Treille, D., Tristram, G., Van Rossum, L.V., Villet, G., Virdee, T.S., Websdale, D.M., Wojcik, W., Wormser, G., Wuthrick, J.P., Zolnierowski, Y.: Measurement of J/w and w' Real Photoproduction on Lithium-6 at a Mean Energy of 90 GeV 505

Barbieri, R., Cecotti, S.: A Model for a Light Graviphoton 255

Barcelos-Neto, J., see Almeida da Silva, M.A. de 525

Bareyre, P., see Barate, R., et al. 505

Barfoot, D.T., Broadhurst, D.J.: Finite Field Theories in Three Dimensions with and without Supersymmetry 391

Barlow, R.J., see Bartel, W., et al. 23, 339 Barnes, K.J., Surridge, M.: Dimensional Reduction of Gauge Theories Yielding Unified Models Spontaneously Broken to $SU_3 \times$ $SU_2 \times U_1$ 89

Barnes, K.J., Forgacs, P., Surridge, M., Zoupanos, G.: On Fermion Masses in a Dimensional Reduction Scheme 427

Barreiro, F., see Berger, Ch., et al. 351 Barreiro, F., see Braunschweig, W., et al. 13 Barroso, A., Nogueira, P., Romão, J.C.: Electromagnetic Properties of the Z Boson. II. Ward Identities for Zyy and ZZy Green's Functions 243

Bartel, W., Becker, L., Felst, R., Haidt, D., Knies, G., Krehbiel, H., Laurikainen, P., Magnussen, N., Meinke, R., Naroska, B., Olsson, J., Schmidt, D., Dietrich, G., Greenshaw, T., Hagemann, J., Heinzelmann, G., Kado, H., Kleinwort, C., Kuhlen, M., Petersen, A., Ramcke, R., Schneekloth, U., Weber, G., Ambrus, K., Bethke, S., Dieckmann, A., Elsen, E., Heintze, J., Hellenbrand, K.-H., Komamiya, S., Krogh, J. von, Rieseberg, H., Schmitt, H. v. d., Smolik, L., Spitzer, J., Wagner, A., Zimmer, M., Bowdery, C.K., Finch, A.J., Foster, F., Hughes, G., Nye, J.M., Allison, J., Barlow, R.J., Chrin, J., Duerdoth, I.P., Loebinger, F.K., Macbeth, A.A., Mills, H.E., Murphy, P.G., Stephens, K., Warming, P., Glasser, R.G., Hill, P., Skard, J.A.J., Wagner, S.R., Zorn, G.T., Cartwright, S.L., Clarke, D., Marshall, R., Middleton, R.P., Kawagoe, K., Mashimo, T., Takeshita, T., Yamada, S.: Experimental Studies on Multijet Production in e+ e- Annihilation at PETRA Energies 23

Bartel, W., Becker, L., Felst, R., Haidt, D., Knies, G., Krehbiel, H., Laurikainen, P., Magnussen, N., Meinke, R., Naroska, B., Olsson, J., Schmidt, D., Steffen, P., Greenshaw, T., Hagemann, J., Heinzelmann, G., Kado, H., Kleinwort, C., Kuhlen, M., Petersen, A., Ramcke, R., Schneekloth, U., Weber, G., Ambrus, K., Bethke, S., Dieckmann, A., Elsen, E., Heintze, J., Hellenbrand, K.-H., Komamiya, S., Krogh, J. von, Rieseberg, H., Schmitt, H. v. d., Smolik, L., Spitzer, J., Wagner, A., Zimmer, M., Bowdery, C.K., Finch, A.J., Foster, F., Hughes, G., Nye, J.M., Walker, I.W., Allison, J., Barlow, R.J., Chrin, J., Duerdoth, I.P., Loebinger, F.K., Macbeth, A.A., Mills, H.E., Murphy, P.G., Stephens, K., Warming, P., Glasser, R.G., Hill, P., Skard, J.A.J., Wagner, S.R., Zorn, G.T., Cartwright, S.L., Clarke, D., Marshall, R., Middleton, R.P., Kawagoe, K., Mashimo, T., Takeshita, T., Yamada, S.: Determination of Semi-Muonic Branching Ratios and Fragmentation Functions of Heavy Quarks in e+ e- Annihilation at $\langle \sqrt{s} \rangle = 34.6 \text{ GeV}$ 339

Bartels, J., Wu, T.T.: Caustics in a Simple SU(2) Lattice Gauge Theory Model 583 Beaufays, J., see Arneodo, M., et al. 167 Becker, L., see Bartel, W., et al. 23, 339 Bee, C.P., see Arneodo, M., et al. 167 Bella, G., see Berger, Ch., et al. 351 Bellefon, A. de, see Barate, R., et al. 505 Bellucci, S.: Spontaneous Breaking of Anti-de Sitter Supersymmetry 551

Benchouk, C., see Arneodo, M., et al. 167 Berger, Ch., Genzel, H., Lackas, W., Pielorz, J., Raupach, F., Wagner, W., Klovning, A., Lillestöl, E., Bürger, J., Criegee, L., Deuter, A., Ferrarotto, F., Franke, G., Gaspero, M., Gerke, Ch., Knies, G., Lewendel, B., Meyer,

J., Michelson, U., Pape, K.H., Stella, B., Timm, U., Winter, G.G., Zachara, M., Zimmermann, W., Bussey, P.J., Cartwright, S.L., Dainton, J.B., Hendry, D., King, B.T., Raine, C., Scarr, J.M., Skillicorn, I.O., Smith, K.M., Thomson, J.C., Achterberg, O., Blobel, V., Burkart, D., Diehlmann, K., Feindt, M., Kapitza, H., Koppitz, B., Krüger, M., Poppe, M., Spitzer, H., Staa, R. van, Chang, C.Y., Glasser, R.G., Kellogg, R.G., Maxfield, S.J., Polvado, R.O., Sechi-Zorn, B., Skard, J.A., Skuja, A., Tylka, A.J., Welch, G.E., Zorn, G.T., Almeida, F., Bäcker, A., Barreiro, F., Brandt, S., Derikum, K., Grupen, C., Meyer, H.J., Müller, H., Neumann, B., Rost, M., Stupperich, K., Zech, G., Alexander, G., Bella, G., Gnat, Y., Grunhaus, J., Junge, H., Kraski, K., Maxeiner, C., Maxeiner, H., Meyer, H., Schmidt, D.: Jet Production in Photon-Photon Interactions 351

Berghoff, G., see Arneodo, M., et al. 167 Bern, Z., Chan, H.S., Halpern, M.B.: Continuum Regularization of Gauge Theory with Fermions 77

Bernardi, E., see Braunschweig, W., et al. 13 Bethke, S., see Bartel, W., et al. 23, 339 Bialkowska, H., see Tkaczyk, S., et al. 33 Biedenharn, L.C., see Truini, P., et al. 47 Binder, U., see Albrecht, H., et al. 7, 359 Binnie, D.M., see Braunschweig, W., et al.

Bird, I., see Arneodo, M., et al. 167 Blair, R., see Lang, K., et al. 483 Blobel, V., see Berger, Ch., et al. 351 Bloch, D., see Barate, R., et al. 505 Blum, D., see Arneodo, M., et al. 167 Bock, B., see Braunschweig, W., et al. 13 Böckmann, P., see Albrecht, H., et al. 7, 359 Bodek, A., see Lang, K., et al. 483 Böhm, E., see Arneodo, M., et al. 167 Böhm, M., Sack, T.: Electroweak Radiative Corrections to e⁺ e⁻ →γγ 157 Bonamy, P., see Barate, R., et al. 505 Booth, C.N., see Alner, G.J., et al. 1 Booth, C.N., see Ansorge, R.E., et al. 175 Borcherding, F., see Lang, K., et al. 483 Borgeaud, P., see Barate, R., et al. 505 Boštjančič, B., see Albrecht, H., et al. 359 Bouard, G. de, see Barate, R., et al. 505 Bouard, X. de, see Arneodo, M., et al. 167

Brandt, S., see Berger, Ch., et al. 351 Brandt, S., see Braunschweig, W., et al. 13 Brasse, F.W., see Arneodo, M., et al. 167 Braun, H., see Arneodo, M., et al. 167 Braunschweig, T., Geyer, B., Hořejší, J., Robaschik, D.: Hadron Operators on the Light-Cone 275

Bowdery, C.K., see Bartel, W., et al. 23, 339

Bowler, M.G., see Braunschweig, W., et al.

Bouquet, B., see Barate, R., et al. 505

13

Braunschweig, W., Gerhards, R., Kirschfink, F.J., Martyn, H.-U., Rosskamp, P., Vogel, E., Wallraff, W., Bock, B., Eisenmann, J., Fischer, H.M., Hartmann, H., Hilger, E., Jocksch, A., Kolanoski, H., Kück, H., Mer- Burkart, D., see Berger, Ch., et al. 351

tens, V., Wedemeyer, R., Foster, B., Martin, A.J., Bernardi, E., Eisenberg, Y., Eskreys, A., Gather, K., Hultschig, H., Joos, P., Klima, B., Kowalski, H., Ladage, A., Löhr, B., Lüke, D., Mättig, P., Montag, A., Notz, D., Shapira, A., Trines, D., Tymieniecka, T., Tysarczyk, G., Walczak, R., Wolf, G., Yekutieli, G., Zeuner, W., Kracht, T., Krasemann, H.L., Krueger, J., Lohrmann, E., Poelz, G., Poesnecker, K.-U., Binnie, D.M., Dornan, P.J., Garbutt, D.A., Jenkins, C., Jones, W.G., Sedgbeer, J.K., Shulman, J., Su, D., Watson, A.P., Barreiro, F., Ros, E., Balkwill, C., Bowler, M.G., Burrows, P.N., Cashmore, R.J., Dauncey, P., Devenish, R., Heath, G., Mellor, D.J., Ratoff, P., Tomalin, I., Yelton, J.M., Lloyd, S.L., Forden, G.E., Hart, J.C., Hasell, D.K., Saxon, D.H., Brandt, S., Holder, M., Labarga, L., Neumann, B., Karshon, U., Mikenberg, G., Mir, R., Revel, D., Ronat, E., Wainer, N., Baranko, G., Caldwell, A., Cherney, M., Izen, J.M., Ritz, S., Strom, D., Takashima, M., Wicklund, E., Wu, S.L., Zobernig, G.: Inclusive \u00e00 Production by e+ e- Annihilation at 34.6 GeV Center of Mass Energy 13

Breakstone, A., Campanini, R., Crawley, H.B., Cuffiani, M., Dallavalle, G.M., Deninno, M.M., Doroba, K., Drijard, D., Fabbri, F., Firestone, A., Fischer, H.G., Frehse, H., Geist, W., Flöge, H., Gesswein, L., Giacomelli, G., Gokieli, R., Gorbics, M., Gorski, M., Hanke, P., Heiden, M., Herr, W., Isenhower, D., Kluge, E.E., Lamsa, J.W., Lohse, T., Mankel, R., Meyer, W.T., Nakada, T., Panter, M., Putzer, A., Rauschnabel, K., Rensch, B., Rimondi, F., Schmelling, M., Siroli, G.P., Sosnowski, R., Szczekowski, M., Ullaland, O., Wegener, D., Yeung, R.: A Study of Gluon Scattering and Gluon Fragmentation in High p_T Interactions at the ISR 475

Breakstone, A., Campanini, R., Crawley, H.B., Cuffiani, M., Dallavalle, G.M., Deninno, M.M., Doroba, K., Drijard, D., Fabbri, F., Firestone, A., Fischer, H.G., Frehse, H., Geist, W., Flöge, H., Gesswein, L., Giacomelli, G., Gokieli, R., Gorbics, M., Gorski, M., Hanke, P., Heiden, M., Herr, W., Isenhower, D., Kluge, E.E., Lamsa, J.W., Lohse, T., Mankel, R., Meyer, W.T., Nakada, T., Panter, M., Putzer, A., Rauschnabel, K., Rensch, B., Rimondi, F., Schmelling, M., Siroli, G.P., Sosnowski, R., Szczekowski, M., Ullaland, O., Wegener, D., Yeung, R.: Multiplicity Dependence of the Average Transverse Momentum and of the Particle Source Size in p-p Interactions at $\sqrt{s} = 62,44$ and 31 GeV 333

Broadhurst, D.J., see Barfoot, D.T. 391 Broll, C., see Arneodo, M., et al. 167 Brown, S., see Arneodo, M., et al. 167 Brück, H., see Arneodo, M., et al. 167 Brunet, J.M., see Barate, R., et al. 505 Burchell, M., see Barate, R., et al. 505 Bürger, J., see Berger, Ch., et al. 351

Burmeister, H., see Barate, R., et al. 505 Burow, L., see Alner, G.J., et al. 1 Burow, L., see Ansorge, R.E., et al. 175 Burrows, P.N., see Braunschweig, W., et al. 13 Bussey, P.J., see Berger, Ch., et al. 351 Caldwell, A., see Braunschweig, W., et al. 13 Calen, H., see Arneodo, M., et al. 167 Campanini, R., see Breakstone, A., et al. 333, 475 Capella, A., Casado, J.A., Pajares, C., Ramello, A.V., Tran Thanh Van, J.: Leading Baryon Spectrum in High-Energy Nuclear Collisions 541 Carlson, P., see Alner, G.J., et al. 1 Carlson, P., see Ansorge, R.E., et al. 175 Cartwright, S.L., see Bartel, W., et al. 23, Cartwright, S.L., see Berger, Ch., et al. 351 Caruso, F., Predazzi, E.: Quark and Gluon Content of the Neutral Tensor Mesons f $f'-\theta$ 569 Casado, J.A., see Capella, A., et al. 541 Cashmore, R.J., see Braunschweig, W., et al. 13 Cecotti, S., see Barbieri, R. 255 Chan, H.S., see Bern, Z., et al. 77 Chang, C.Y., see Berger, Ch., et al. 351 Cherney, M., see Braunschweig, W., et al. Childers, R., see Albrecht, H., et al. 7, 359 Chima, J.S., see Arneodo, M., et al. 167 Chrin, J., see Bartel, W., et al. 23, 339 Chu, Y.K., see Lang, K., et al. 483 Ciborowski, J., see Arneodo, M., et al. 167 Clarke, D., see Bartel, W., et al. 23, 339 Cleymans, J., Redlich, K., Satz, H., Suhonen, E.: On the Phenomenology of Deconfinement and Chiral Symmetry Restoration 151 Clifft, R., see Arneodo, M., et al. 167 Coghen, T., see Dengler, F., et al. 187 Coignet, G., see Arneodo, M., et al. 167 Coleman, R., see Lang, K., et al. 483 Combley, F., see Arneodo, M., et al. 167 Coppage, D., see Albrecht, H., et al. 7, 359 Costa Ramos, S., see Barate, R., et al. 505 Coughlan, J., see Arneodo, M., et al. 167 Crawley, H.B., see Breakstone, A., et al. 333, 475 Criegee, L., see Berger, Ch., et al. 351 Cuffiani, M., see Breakstone, A., et al. 333, 475 D'Agostini, G., see Arneodo, M., et al. 167 Dahlgren, S., see Arneodo, M., et al. 167 Dainton, J.B., see Berger, Ch., et al. 351 Dallavalle, G.M., see Breakstone, A., et al. 333, 475 D'Almagne, B., see Barate, R., et al. 505 Danilov, M., see Albrecht, H., et al. 7, 359 Darden, C.W., see Albrecht, H., et al. 7, 359 Dauncey, P., see Braunschweig, W., et al. 13 David, M., see Barate, R., et al. 505 Davis, R., see Albrecht, H., et al. 7, 359 De Wolf, R.S., see Alner, G.J., et al. 1 De Wolf, R.S., see Ansorge, R.E., et al. 175 Dello Russo, P., see Barate, R., et al. 505 Dengler, F., Derado, I., Eckardt, V., Fent,

J., Freund, P., Gebauer, H.J., Malecki, P., Manz, A., Pretzl, K.P., Schmitz, N., Seyboth, P., Seyerlein, J., Vranić, D., Wolf, G., Coghen, T., Eskreys, A., Eskreys, K., Kisielewska, D., Olkiewicz, K., Pawlik, B., Stopa, P., Suszycki, L.: Multiplicity Distributions in Rapidity Intervals for p-p and p-Nucleus Interactions at 200 GeV 187 Dengler, F., see Arneodo, M., et al. 167 Deninno, M.M., see Breakstone, A., et al. Deninno, M.M., see Breakstone, A., et al. 475 Derado, I., see Arneodo, M., et al. 167 Derado, I., see Dengler, F., et al. 187 Derikum, K., see Berger, Ch., et al. 351 Deuter, A., see Berger, Ch., et al. 351 Devenish, R., see Braunschweig, W., et al. 13 Didenko, L.A., see Baldin, A.M., et al. 363 Dieckmann, A., see Bartel, W., et al. 23, 339 Diehlmann, K., see Berger, Ch., et al. 351 Dietrich, G., see Bartel, W., et al. 23 Donker, J.P., see Albrecht, H., et al. 7, 359 Donnachie, A., Mirzaie, H.: Evidence for Two p' (1600) Resonances 407 Dornan, P.J., see Braunschweig, W., et al. 13 Doroba, K., see Breakstone, A., et al. 333, Drees, A., see Alner, G.J., et al. 1 Drees, A., see Ansorge, R.E., et al. 175 Drees, J., see Arneodo, M., et al. 167 Drescher, A., see Albrecht, H., et al. 7, 359 Dreyer, T., see Arneodo, M., et al. 167 Drijard, D., see Breakstone, A., et al. 333, Duane, A., see Barate, R., et al. 505 Duerdoth, I.P., see Bartel, W., et al. 23, 339 Düren, M., see Arneodo, M., et al. 167 Dyakonov, D.I., see Balitsky, I.I., et al. 265 Eckardt, V., see Arneodo, M., et al. 167 Eckardt, V., see Dengler, F., et al. 187 Eckart, B., see Alner, G.J., et al. 1 Eckart, B., see Ansorge, R.E., et al. 175 Edwards, A., see Arneodo, M., et al. 167 Edwards, K.W., see Albrecht, H., et al. 7, Edwards, M., see Arneodo, M., et al. 167 Eeg, J.O.: Low Momentum Penguin Loop Contributions and the $\Delta I = 1/2$ Rule 227 Eisenberg, Y., see Braunschweig, W., et al. 13 Eisenmann, J., see Braunschweig, W., et al. Ekspong, G., see Alner, G.J., et al. 1 Ekspong, G., see Ansorge, R.E., et al. 175 Elizalde, E., Soto, J.: On the Absence of a Deconfining Phase Transition for the Savvidy Model at One-Loop Order 319 Elsen, E., see Bartel, W., et al. 23, 339 Engel, J.P., see Barate, R., et al. 505 Engelen, J., see Barate, R., et al. 505 Erkal, C., Olsson, M.G.: A Three Channel Model of $\pi\pi$ Scattering and the Elastic and Inelastic Electromagnetic Vertex Functions 445

Ernst, T., see Arneodo, M., et al. 167 Eskreys, A., see Braunschweig, W., et al. 13 Eskreys, A., see Dengler, F., et al. 187 Eskreys, K., see Dengler, F., et al. 187 Eszes, G., see Arneodo, M., et al. 167 Evangelou, I., see Alner, G.J., et al. 1 Evangelou, I., see Ansorge, R.E., et al. 175 Eyring, A., see Alner, G.J., et al. 1 Fabbri, F., see Breakstone, A., et al. 333, 475 Fabre, J.-P., see Alner, G.J., et al. 1 Fabricius, K.: The Complete Set of Twists for the Twisted Eguchi-Kawai Model 263 Fackler, O., see Lang, K., et al. 483 Favier, J., see Arneodo, M., et al. 167 Feindt, M., see Berger, Ch., et al. 351 Felst, R., see Bartel, W., et al. 23, 339 Fent, J., see Dengler, F., et al. 187 Ferrarotto, F., see Berger, Ch., et al. 351 Ferrer, A., see Barate, R., et al. 505 Ferrero, M.I., see Arneodo, M., et al. 167 Figiel, J., see Arneodo, M., et al. 167 Fillipas, T.A., see Barate, R., et al. 505 Finch, A.J., see Bartel, W., et al. 23, 339 Firestone, A., see Breakstone, A., et al. 333, 475 Fischer, H.G., see Breakstone, A., et al. 333, 475 Fischer, H.M., see Braunschweig, W., et al. Fisk, H.E., see Lang, K., et al. 483 Flauger, W., see Arneodo, M., et al. 167 Flöge, H., see Breakstone, A., et al. 333, 475 Fokitis, E., see Barate, R., et al. 505 Forden, G.E., see Braunschweig, W., et al. Forgacs, P., see Barnes, K.J., et al. 427 Foster, B., see Braunschweig, W., et al. 13 Foster, F., see Bartel, W., et al. 23, 339 Foster, J., see Arneodo, M., et al. 167 Franke, G., see Berger, Ch., et al. 351 Frehse, H., see Breakstone, A., et al. Frenkiel, P., see Barate, R., et al. 505 Freund, P., see Dengler, F., et al. 187 Frisken, W.R., see Albrecht, H., et al. 7, 359 Fuglesang, C., see Alner, G.J., et al. 1 Fuglesang, C., see Ansorge, R.E., et al. Fukunaga, Ch., see Albrecht, H., et al. 359 Fukunaga, C., see Albrecht, H., et al. 7 Fukushima, Y., see Lang, K., et al. 483 Gabathuler, E., see Arneodo, M., et al. 167 Gabriel, J.C., see Albrecht, H., et al. 7, 359 Gajewski, J., see Arneodo, M., et al. 167 Gamet, R., see Arneodo, M., et al. 167 Garbutt, D.A., see Braunschweig, W., et al. 13 Garfinkle, D., see Lang, K., et al. 483 Gaspero, M., see Berger, Ch., et al. 351 Gather, K., see Braunschweig, W., et al. 13 Gaudaen, J., see Alner, G.J., et al. 1 Gaudean, J., see Ansorge, R.E., et al. 175 Gayler, J., see Arneodo, M., et al. 167 Gazis, E.N., see Barate, R., et al. 505 Gebauer, H.J., see Dengler, F., et al. 187 Geddes, N., see Arneodo, M., et al. 167 Geich-Gimbel, C., see Alner, G.J., et al. 1 Geich-Gimbel, C., see Ansorge, R.E., et al.

Geist, W., see Breakstone, A., et al. 333, 475 Halpern, M.B., see Bern, Z., et al. 77 Geng, C.Q., Marshak, R.E.: A Low Composite Scale Preon Model with Complementarity 513 Gennow, H., see Albrecht, H., et al. 7, 359 Genzel, H., see Berger, Ch., et al. 351 Gerhards, R., see Braunschweig, W., et al. 13

Gerke, Ch., see Berger, Ch., et al. 351 Gesswein, L., see Breakstone, A., et al. 333,

Geyer, B., see Braunschweig, T., et al. 275 Ghez, P., Ingelman, G.: Study of High p1 Ouark and Gluon Jet Fragmentation 465 Giacomelli, G., see Breakstone, A., et al. 333 475

Gilkinson, D.J., see Albrecht, H., et al. 7, 359

Gingrich, D.M., see Albrecht, H., et al. 7, 359

Giokaris, N., see Lang, K., et al. 483 Gläser, R., see Albrecht, H., et al. 7, 359 Glasser, R.G., see Bartel, W., et al. 23, 339 Glasser, R.G., see Berger, Ch., et al. 351 Gnat, Y., see Berger, Ch., et al. 351 Goddard, M., see Albrecht, H., et al. 7 Gokieli, R., see Breakstone, A., et al. 333, 475

Golutvin, A., see Albrecht, H., et al. 7, 359 Gorbics, M., see Breakstone, A., et al. 333, 475

Gorelov, I., see Albrecht, H., et al. 7, 359 Gorski, M., see Breakstone, A., et al. 333, 475

Gounaris, G.J., Paschalis, J.E., Kögerler, R.: The Zero-Spin Glueballs: A New Approach to Relativistic Bound States (Erratum) 474 Grafström, P., see Arneodo, M., et al. 167 Grard, F., see Arneodo, M., et al. 167 Graziani, F.R.: Gluon Condensate and the Effective Gluon Mass 397

Greenshaw, T., see Bartel, W., et al. 23, 339 Gregory, P., see Barate, R., et al. 505 Grensing, D., Grensing, G.: Generalized Campbell-Baker-Hausdorff Formula, Path-Ordering and Bernoulli Numbers 307 Grensing, G., see Grensing, D. 307

Grishin, V.G., see Baldin, A.M., et al. 363 Grozin, A.G., Pinelis, Yu.F.: Contribution of Higher Gluon Condensates to Light-Quark Vacuum Polarization 419

Grunewald, S., Ilgenfritz, E.-M., Müller-Preussker, M.: Lattice Vortices in the Two-Dimensional Abelian Higgs Model 561 Grunhaus, J., see Berger, Ch., et al. 351 Grupen, C., see Berger, Ch., et al. 351 Guberina, B., Rückl, R., Trampetić, Charmed Baryon Lifetime Differences 297 Guryn, W., see Barate, R., et al. 505 Guyonnet, J.L., see Barate, R., et al. 505 Haas, J., see Arneodo, M., et al. 167 Haber, C., see Lang, K., et al. 483 Hagberg, E., see Arneodo, M., et al. 167 Hagemann, J., see Bartel, W., et al. 23, 339 Hagiwara, K., Martin, A.D., Peacock, A.W.: Probing QCD with Heavy Quarkonia 135

Haidt, D., see Bartel, W., et al. 23, 339

Hanke, P., see Breakstone, A., et al. 333, 475 Harder, G., see Albrecht, H., et al. 7, 359 Hart, J.C., see Braunschweig, W., et al. 13 Hartmann, H., see Braunschweig, W., et al. 13

Hasell, D.K., see Braunschweig, W., et al. 13

Hasert, F.J., see Arneodo, M., et al. 167 Hayman, P., see Arneodo, M., et al. 167 Heath, G., see Braunschweig, W., et al. 13 Heiden, M., see Breakstone, A., et al. 333, 475

Heintze, J., see Bartel, W., et al. 23, 339 Heinzelmann, G., see Bartel, W., et al. 23, 339

Hellenbrand, K.-H., see Bartel, W., et al. 23, 339

Hendry, D., see Berger, Ch., et al. 351 Herr, W., see Breakstone, A., et al. 333, 475 Heusse, P., see Arneodo, M., et al. 167 Hilger, E., see Braunschweig, W., et al. 13 Hill, P., see Bartel, W., et al. 23, 339 Hofmokl, T., see Barate, R., et al. 505 Holder, M., see Braunschweig, W., et al. 13 Holl, B., see Alner, G.J., et al. 1 Holl, B., see Ansorge, R.E., et al. 175 Hollik, W., Timme, H.-J.: Renormalization

Scheme Dependence of Electroweak Radiative Corrections 125 Hořejší, J., see Braunschweig, T., et al. 275 Hospes, R., see Alner, G.J., et al. 1

Hospes, R., see Ansorge, R.E., et al. 175 Hughes, G., see Bartel, W., et al. 23, 339 Hultschig, H., see Braunschweig, W., et al. 13

Ilgenfritz, E.-M., see Grunewald, S., et al.

Ingelman, G., see Ghez, P. 465 Isenhower, D., see Breakstone, A., et al. 333,

Ishikawa, K., Matsuyama, T.: Magnetic Field Induced Multi-Component QED3 and Quantum Hall Effect 41

Izen, J.M., see Braunschweig, W., et al. 13 Jacholkowska, A., see Arneodo, M., et al. 167

Jaffre, M., see Arneodo, M., et al. 167 Janata, F., see Arneodo, M., et al. 167 Jancso, G., see Arneodo, M., et al. 167 Jenkins, C., see Braunschweig, W., et al. 13 Jenkins, K., see Lang, K., et al. 483 Jin, B., see Lang, K., et al. 483 Jocksch, A., see Braunschweig, W., et al. 13 Johnson, A.S., see Arneodo, M., et al. 167 Johnson, D.P., see Alner, G.J., et al. 1 Johnson, D.P., see Ansorge, R.E., et al. 175 Johnston, D.A., Jones, H.F.: x-Space Sum Rules and the Pion Wave Function in QCD 281

Jon-And, K., see Alner, G.J., et al. 1 Jon-And, K., see Ansorge, R.E., et al. 175 Jones, H.F., see Johnston, D.A. 281 Jones, W.G., see Braunschweig, W., et al. 13 Jönsson, K., see Albrecht, H., et al. 7, 359 Joos, P., sec Braunschweig, W., et al. 13 Junge, H., see Berger, Ch., et al. 351

Kabuss, E.M., see Arneodo, M., et al. 167 Kado, H., see Bartel, W., et al. 23, 339 Kalinowski, M.W.: Comment on the Nonsymmetric Kaluza-Klein Theory with Material Sources 67

Kamp, D., see Albrecht, H., et al. 7, 359 Kanekal, S., see Albrecht, H., et al. 7, 359 Kapitza, H., see Albrecht, H., et al. 7, 359 Kapitza, H., see Berger, Ch., et al. 351 Karshon, U., see Braunschweig, W., et al. 13

Katsoufis, E.C., see Barate, R., et al. 505 Kawagoe, K., see Bartel, W., et al. 23, 339 Kellner, G., see Arneodo, M., et al. 167 Kellogg, R.G., see Berger, Ch., et al. 351 Kent, J., see Barate, R., et al. 505 Kernel, G., see Albrecht, H., et al. 7, 359 Kerns, Q., see Lang, K., et al. 483 Kikuchi, H., see Akiba, T. 377 Kim, P.C.H., see Albrecht, H., et al. 7, 359 King, B.T., see Berger, Ch., et al. 351 Kirschfink, F.J., see Braunschweig, W., et al.

13 Kisielewska, D., see Dengler, F., et al. 187 Kleinwort, C., see Bartel, W., et al. 23, 339 Kleiss, R.: Hard Bremsstrahlung Amplitudes for e+ e- Collisions with Polarized Beams at LEP/SLC Energies 433

Klima, B., see Braunschweig, W., et al. 13 Klovning, A., see Berger, Ch., et al. 351 Kluge, E.E., see Breakstone, A., et al. 333,

475 Knies, G., see Bartel, W., et al. 23, 339 Knies, G., see Berger, Ch., et al. 351

Kögerler, R., see Gounaris, G.J., et al. 474 Kolanoski, H., see Braunschweig, W., et al. Komamiya, S., see Bartel, W., et al. 23, 339

Kondo, T., see Lang, K., et al. 483 Koppitz, B., see Berger, Ch., et al. 351 Korbel, V., see Arneodo, M., et al. 167 Körner, J.-G.: The N-A Transition Form Factor and Anomalous Y-Decays into Octet-Decuplet Baryon-Antibaryon Paris 529 Kowalski, H., see Braunschweig, W., et al.

Kracht, T., see Braunschweig, W., et al. 13 Krasemann, H.L., see Braunschweig, W., et al. 13

Kraski, K., see Berger, Ch., et al. 351 Krehbiel, H., see Bartel, W., et al. 23, 339 Krogh, J. von, see Bartel, W., et al. 23, 339 Krueger, J., see Braunschweig, W., et al. 13 Krüger, J., see Arneodo, M., et al. 167 Krüger, M., see Berger, Ch., et al. 351 Kück, H., see Braunschweig, W., et al. 13 Kuhlen, M., see Bartel, W., et al. 23, 339 Kullander, S., see Arneodo, M., et al. 167 Kutschke, R., see Albrecht, H., et al. 7, 359 Kuznetsov, A.A., see Baldin, A.M., et al.

Kwak, N., see Albrecht, H., et al. 7, 359 Labarga, L., see Braunschweig, W., et al. 13 Lackas, W., see Berger, Ch., et al. 351 Ladage, A., see Braunschweig, W., et al. 13 Lamsa, J.W., see Breakstone, A., et al. 333, Landgraf, U., see Arneodo, M., et al. 167
Lang, K., Bodek, A., Borcherding, F., Giokaris, N., Stockdale, I.E., Auchincloss, P.,
Blair, R., Haber, C., Mishra, S., Oltman, E.,
Ruiz, M., Sciulli, F.J., Shaevitz, M., Smith,
W.H., Zhu, R., Chu, Y.K., MacFarlane,
D.B., Messner, R.L., Novikoff, D.B., Purohit, M.V., Garfinkle, D., Merritt, F.S., Oreglia, M., Reutens, P., Coleman, R., Fisk,
H.E., Fukushima, Y., Kerns, Q., Jin, B., Levinthal, D., Kondo, T., Marsh, W., Rapidis,
P.A., Segler, S., Stefanski, R., Theriot, D.,
White, H.B., Yovanovitch, D., Fackler, O.,
Jenkins, K.: Neutrino Production of Dimuons 483

Lanske, D., see Arneodo, M., et al. 167 Larsen, Å.: Symmetry Restoration in the Asymmetric Linear σ Model at Finite Temperature 291

Laurikainen, P., see Bartel, W., et al. 23, 339 Lednický, R.: Polarization Effects in Hadron Fragmentation (Erratum) 474

Lee, H.C., Milgram, M.S., Andrasi, A.: The General Three-Vertex, BRS Identities and Renormalizability of the Light-Cone Gauge 107

Legendre, R., see Barate, R., et al. 505 Leibbrandt, G.: Cut-off Versus Dimensional Regularization in the Light-Cone Gauge 197 Lembke-Koppitz, I., see Albrecht, H., et al. 7, 359

Lemoigne, Y., see Barate, R., et al. 505 Lesquen, A. de, see Barate, R., et al. 505 Leutwyler, H., Mallik, S.: Gravitational Anomalies 205

Levinthal, D., see Lang, K., et al. 483 Lewendel, B., see Berger, Ch., et al. 351 Lillestöl, E., see Berger, Ch., et al. 351 Lindfors, J.: Heavy Quarks and Squarks from W-Gluon Fusion 385

Lloyd, S.L., see Braunschweig, W., et al. 13 Loebinger, F.K., see Bartel, W., et al. 23, 339 Löhr, B., see Braunschweig, W., et al. 13 Lohrmann, E., see Braunschweig, W., et al. 13

Lohse, T., see Breakstone, A., et al. 333, 475 Loken, J., see Arneodo, M., et al. 167 Long, K., see Arneodo, M., et al. 167 Lotse, F., see Alner, G.J., et al. 1 Lotse, F., see Ansorge, R.E., et al. 175 Lubatti, H.J., see Tkaczyk, S., et al. 33 Lubimov, V., see Albrecht, H., et al. 7, 359 Lüke, D., see Braunschweig, W., et al. 13 Macbeth, A.A., see Bartel, W., et al. 23, 339 MacFarlane, D.B., see Albrecht, H., et al. 7, 359

MacFarlane, D.B., see Lang, K., et al. 483
Maeshima, K., see Barate, R., et al. 505
Magneville, C., see Barate, R., et al. 505
Magnussen, N., see Bartel, W., et al. 23, 339
Mahanthappa, K.T., Staebler, G.M.: Duality
Transformation and Non-Kähler Couplings
and Potentials in an N=1 Supergravity
Theory 537

Maire, M., see Arneodo, M., et al. 167 Malecki, P., see Arneodo, M., et al. 167 Malecki, P., see Dengler, F., et al. 187 Mallik, S., see Leutwyler, H. 205 Mankel, R., see Breakstone, A., et al. 333, 475

Manthos, N., see Alner, G.J., et al. 1
Manthos, N., see Ansorge, R.E., et al. 175
Manz, A., see Arneodo, M., et al. 167
Manz, A., see Dengler, F., et al. 187
Marrow, J., Shaw, G.: Fundamental Parameters from QCD Sum Rules: S-Wave Charmonium 237

Marsh, W., see Lang, K., et al. 483
Marshak, R.E., see Geng, C.Q. 513
Marshall, R., see Bartel, W., et al. 23, 339
Marshall, T., see Barate, R., et al. 505
Martin, A.D., see Hagiwara, K., et al. 135
Martin, A.J., see Braunschweig, W., et al. 13
Martin, B.R., Shaw, G.: Analysis of xF₃:
QCD and Higher Twist 99
Martyn, H.-U., see Braunschweig, W., et al.

13
Maselli, S., see Arneodo, M., et al. 167
Mashimo, T., see Bartel, W., et al. 23, 339
Matsumoto, H.: The General Structure of
Two Point Functions in Thermo Field Dynamics 201

Matsuyama, T., see Ishikawa, K. 41
Matthiesen, U., see Albrecht, H., et al. 7, 359
Mättig, P., see Braunschweig, W., et al. 13
Matveev, V., see Albrecht, H., et al. 7, 359
Maxeiner, C., see Berger, Ch., et al. 351
Maxifield, S.J., see Berger, Ch., et al. 351
Mc Ewen, J.G., see Barate, R., et al. 505
McKenna, J.A., see Albrecht, H., et al. 7, 359

McLean, K.W., see Albrecht, H., et al. 7, 359

Meinke, R., see Alner, G.J., et al. 1
Meinke, R., see Bartel, W., et al. 23, 339
Mellor, D.J., see Braunschweig, W., et al. 13
Merritt, F.S., see Lang, K., et al. 483
Mertens, V., see Braunschweig, W., et al. 13
Messner, R.L., see Lang, K., et al. 483
Metreveli, Z.V., see Baldin, A.M., et al. 363
Meyer, H.J., see Berger, Ch., et al. 351
Meyer, H., see Berger, Ch., et al. 351
Meyer, J., see Berger, Ch., et al. 351
Meyer, W.T., see Breakstone, A., et al. 333,
475

Michelson, U., see Berger, Ch., et al. 351 Middleton, R.P., see Bartel, W., et al. 23, 339

Mikenberg, G., see Braunschweig, W., et al. 13
Milgram, M.S., see Lee, H.C., et al. 107
Mills, H.E., see Bartel, W., et al. 23, 339
Mir, R., see Braunschweig, W., et al. 13
Mirzaie, H., see Donnachie, A. 407
Mishra, S., see Lang, K., et al. 483
Mohr, W., see Arneodo, M., et al. 167
Montag, A., see Braunschweig, W., et al. 13
Montanet, F., see Arneodo, M., et al. 167
Montgomery, H.E., see Arneodo, M., et al. 167

Moriyasu, K., see Tkaczyk, S., et al. 33 Müller, H., see Berger, Ch., et al. 351 Müller-Preussker, M., see Grunewald, S., et al. 561

Munday, D.J., see Alner, G.J., et al. 1 Munday, D.J., see Ansorge, R.E., et al. 175 Murphy, P.G., see Bartel, W., et al. 23, 339 Nagovitsin, V., see Albrecht, H., et al. 7, 359 Nagy, E., see Arneodo, M., et al. 167 Nakada, T., see Breakstone, A., et al. 333, 475

Naroska, B., see Bartel, W., et al. 23, 339 Nassalski, J., see Arneodo, M., et al. 167 Neumann, B., see Berger, Ch., et al. 351 Neumann, B., see Braunschweig, W., et al. 13

Nielsen, N.K.: Gauge Dependence of Effective Potential and Self-Consistent Dimensional Reduction 579

Nilsson, A.W., see Albrecht, H., et al. 7, 359 Nogueira, P., see Barroso, A., et al. 243 Noon, Ph., see Barate, R., et al. 505 Norton, P.R., see Arneodo, M., et al. 167 Notz, D., see Braunschweig, W., et al. 13 Novikoff, D.B., see Lang, K., et al. 483 Nye, J.M., see Bartel, W., et al. 23, 339 Oakham, F.G., see Arneodo, M., et al. 167 Oku, Y., see Albrecht, H., et al. 7, 359 Olivieri, G., see Truini, P., et al. 47 Olkiewicz, K., see Dengler, F., et al. 187 Olsson, J., see Bartel, W., et al. 23, 339 Olsson, M.G., see Erkal, C. 445 Oltman, E., see Lang, K., et al. 483 Oreglia, M., see Lang, K., et al. 483 Orenstein, S., see Barate, R., et al. 505 Orr, R.S., see Albrecht, H., et al. 7, 359 Osborne, A.M., see Arneodo, M., et al. 167 Ovens, J.E.V., see Alner, G.J., et al. 1 Ovens, J.E.V., see Ansorge, R.E., et al. 175 Padley, P., see Albrecht, H., et al. 7, 359 Papadopoulou, T., see Barate, R., et al. 505 Pajares, C., see Capella, A., et al. 541 Panter, M., see Breakstone, A., et al. 333, Pape, K.H., see Berger, Ch., et al. 351

Parsons, J.A., see Albrecht, H., et al. 359 Pascaud, C., see Arneodo, M., et al. 167 Paschalis, J.E., see Gounaris, G.J., et al. 474 Patel, P.M., see Albrecht, H., et al. 7, 359 Pattison, J.B.M., see Barate, R., et al. 505 Pawlik, B., see Arneodo, M., et al. 167 Pawlik, B., see Dengler, F., et al. 187 Payre, P., see Arneodo, M., et al. 167 Peacock, A.W., see Hagiwara, K., et al. 135 Pelzer, W., see Alner, G.J., et al. 1 Pelzer, W., see Ansorge, R.E., et al. 175 Peroni, C., see Arneodo, M., et al. 167 Peschel, H., see Arneodo, M., et al. 167 Pessard, H., see Arneodo, M., et al. 167 Petersen, A., see Bartel, W., et al. 23, 339 Petroff, P., see Barate, R., et al. 505 Pettingale, J., see Arneodo, M., et al. 167 Philipp, A., see Albrecht, H., et al. 7 Pielorz, J., see Berger, Ch., et al. 351 Pietrzyk, B., see Arneodo, M., et al. 167 Pietrzyk, U., see Arneodo, M., et al. 167 Pinelis, Yu.F., see Grozin, A.G. 419 Pišút, J., see Pišútová, N. 287 Pišútová, N., Pišút, J.: A Simple Test of Multistring Models of Interactions of Parti-

cles and Nuclei with Nuclei 287

Pleško, M., see Albrecht, H., et al. 7, 359 Poelz, G., see Braunschweig, W., et al. 13 Poesnecker, K.-U., see Braunschweig, W., et al. 13 Polvado, R.O., see Berger, Ch., et al. 351 Pönsgen, B., see Arneodo, M., et al. 167 Poppe, M., see Berger, Ch., et al. 351 Pötsch, M., see Arneodo, M., et al. 167 Poutot, D., see Barate, R., et al. 505 Predazzi, E., see Caruso, F. 569 Prentice, J.D., see Albrecht, H., et al. 7, 359 Pretzl, K.P., see Dengler, F., et al. 187 Primout, M., see Barate, R., et al. 505 Purohit, M.V., see Lang, K., et al. 483 Putzer, A., see Breakstone, A., et al. 333, 475 Raine, C., see Berger, Ch., et al. 351 Ramcke, R., see Bartel, W., et al. 23, 339 Ramello, A.V., see Capella, A., et al. 541 Ramírez, C .: The Structure of the New Superspace 455 Ranft, J.: The Diffractive Component of Particle Production in the Dual Multistring Fragmentation Model 517 Rapidis, P.A., see Lang, K., et al. 483 Ratoff, P., see Braunschweig, W., et al. 13 Raupach, F., see Berger, Ch., et al. 351 Rauschnabel, K., see Breakstone, A., et al. Rauschnabel, K., see Breakstone, A., et al. 475 Redlich, K., see Cleymans, J., et al. 151 Rees, C.D., see Tkaczyk, S., et al. 33 Reidy, J.J., see Alner, G.J., et al. 1 Rensch, B., see Breakstone, A., et al. 333, Renton, P., see Arneodo, M., et al. 167 Reutens, P., see Lang, K., et al. 483 Revel, D., see Braunschweig, W., et al. 13 Ribarics, P., see Arneodo, M., et al. 167 Richard, F., see Barate, R., et al. 505 Rieseberg, H., see Bartel, W., et al. 23, 339 Rimondi, F., see Breakstone, A., et al. 333, 475 Rith, K., see Arneodo, M., et al. 167 Ritz, S., see Braunschweig, W., et al. 13 Robaschik, D., see Braunschweig, T., et al. 275 Romão, J.C., see Barroso, A., et al. 243 Ronat, E., see Braunschweig, W., et al. 13 Rondio, E., see Arneodo, M., et al. 167 Ros, E., see Braunschweig, W., et al. 13 Rosskamp, P., see Braunschweig, W., et al. 13 Rost, M., see Berger, Ch., et al. 351 Roudeau, P., see Barate, R., et al. 505 Rouge, A., see Barate, R., et al. 505 Rückl, R., see Guberina, B., et al. 297 Ruiz, M., see Lang, K., et al. 483 Rushbrooke, J.C., see Alner, G.J., et al. 1 Rushbrooke, J.G., see Ansorge, R.E., et al. Ryltsov, V., see Albrecht, H., et al. 7, 359 Sack, T., see Böhm, M. 157 Sandacz, A., see Arneodo, M., et al. 167 Satz, H., see Cleymans, J., et al. 151 Saxon, D.H., see Braunschweig, W., et al.

Scarr, J.M., see Berger, Ch., et al. 351 Schaeffer, M., see Barate, R., et al. 505 Scheck, H., see Albrecht, H., et al. 7, 359 Scheer, M., see Arneodo, M., et al. 167 Schiemann, H., see Arneodo, M., et al. 167 Schlagböhmer, A., see Arneodo, M., et al. 167 Schmelling, M., see Breakstone, A., et al. 333, 475 Schmickler, H., see Alner, G.J., et al. 1 Schmickler, H., see Ansorge, R.E., et al. 175 Schmidt, D., see Bartel, W., et al. 23, 339 Schmidt, D., see Berger, Ch., et al. 351 Schmidt-Parzefall, W., see Albrecht, H., et al. 7 Schmidt-Parzefall, W., see Albrecht, H., et al. 359 Schmitt, H. v. d., see Bartel, W., et al. 23, 339 Schmitz, N., see Arneodo, M., et al. 167 Schmitz, N., see Dengler, F., et al. 187 Schneegans, M., see Arneodo, M., et al. 167 Schneekloth, U., see Bartel, W., et al. 23, 339 Scholz, M., see Arneodo, M., et al. 167 Schouten, M., see Arneodo, M., et al. 167 Schröder, H., see Albrecht, H., et al. 7, 359 Schröder, T., see Arneodo, M., et al. 167 Schubert, K.R., see Albrecht, H., et al. 7, Schultze, K., see Arneodo, M., et al. 167 Schulz, H.D., see Albrecht, H., et al. 7, 359 Sciulli, F.J., see Lang, K., et al. 483 Sechi-Zorn, B., see Berger, Ch., et al. 351 Sedgbeer, J.K., see Braunschweig, W., et al. 13 Seez, C., see Barate, R., et al. 505 Segler, S., see Lang, K., et al. 483 Semenov, A., see Albrecht, H., et al. 7, 359 Seyboth, P., see Dengler, F., et al. 187 Seyerlein, J., see Dengler, F., et al. 187 Seywerd, H.C.J., see Albrecht, H., et al. 7, Shaevitz, M., see Lang, K., et al. 483 Shapira, A., see Braunschweig, W., et al. 13 Shaw, G., see Marrow, J. 237 Shaw, G., see Martin, B.R. 99 Shevchenko, V., see Albrecht, H., et al. 7, Shoostari, H., see Barate, R., et al. 505 Shulman, J., see Braunschweig, W., et al. 13 Siotis, I., see Barate, R., et al. 505 Siroli, G.P., see Breakstone, A., et al. 333, 475 Six, J., see Barate, R., et al. 505 Skard, J.A.J., see Bartel, W., et al. 23, 339 Skard, J.A., see Berger, Ch., et al. 351 Skillicorn, I.O., see Berger, Ch., et al. 351 Skuja, A., see Berger, Ch., et al. 351 Sloan, T., see Arneodo, M., et al. 167 Smith, K.M., see Berger, Ch., et al. 351 Smith, W.H., see Lang, K., et al. 483 Smolik, L., see Bartel, W., et al. 23, 339 Soloshenko, V., see Albrecht, H., et al. 359 Sosnowski, R., see Breakstone, A., et al. 333, Soto, J., see Elizalde, E. 319

Spaan, B., see Albrecht, H., et al. 7, 359 Spengler, J., see Albrecht, H., et al. 7, 359 Spitzer, H., see Berger, Ch., et al. 351 Spitzer, J., see Bartel, W., et al. 23 Spitzer, J., see Bartel, W., et al. 339 Staa, R. van, see Berger, Ch., et al. 351 Staebler, G.M., see Mahanthappa, K.T. 537 Stefan, J., see Albrecht, H., et al. 359 Stefanski, R., see Lang, K., et al. 483 Steffen, P., see Bartel, W., et al. 339 Stella, B., see Berger, Ch., et al. 351 Stephens, K., see Bartel, W., et al. 23, 339 Stier, H.E., see Arneodo, M., et al. 167 Stiewe, J., see Albrecht, H., et al. 7, 359 Stockdale, I.E., see Lang, K., et al. 483 Stopa, P., see Dengler, F., et al. 187 Strahl, K., see Albrecht, H., et al. 7, 359 Streng, K.H.: Signals for Compositeness at ep Colliders: "Leptogluons" and Exotic Colored Vectorbosons 247 Strom, D., see Braunschweig, W., et al. 13 Studt, M., see Arneodo, M., et al. 167 Stupperich, K., see Berger, Ch., et al. 351 Su, D., see Braunschweig, W., et al. 13 Suhonen, E., see Cleymans, J., et al. 151 Surridge, M., see Barnes, K.J. 89 Surridge, M., see Barnes, K.J., et al. 427 Suszycki, L., see Dengler, F., et al. 187 Swain, J.D., see Albrecht, H., et al. 359 Szczekowski, M., see Breakstone, A., et al. 333 475 Takashima, M., see Braunschweig, W., et al. 13 Takeshita, T., see Bartel, W., et al. 23, 339 Taylor, G.N., see Arneodo, M., et al. 167 Tchistilin, V., see Albrecht, H., et al. 359 Thénard, J.M., see Arneodo, M., et al. 167 Theriot, D., see Lang, K., et al. 483 Thompson, G.: Field Theory, Regularization and the Path Integral Measure 115 Thompson, J.C., see Arneodo, M., et al. 167 Thomson, J.C., see Berger, Ch., et al. 351 Tichomirov, I., see Albrecht, H., et al. 7, 359 Timm, U., see Berger, Ch., et al. 351 Timme, H.-J., see Hollik, W. 125 Tkaczyk, S., Bialkowska, H., Wroblewski, A.K., Rees, C.D., Lubatti, H.J., Moriyasu, K.: Fast Proton Production in π^{\pm} Ne at 30 GeV/c 33 Tomalin, I., see Braunschweig, W., et al. 13 Torre, A. de la, see Arneodo, M., et al. 167 Toth, J., see Arneodo, M., et al. 167 Trampetić, J., see Guberina, B., et al. 297 Tran Thanh Van, J., see Capella, A., et al. Treille, D., see Barate, R., et al. 505 Triantis, F., see Alner, G.J., et al. 1 Triantis, F., see Ansorge, R.E., et al. 175 Trines, D., see Braunschweig, W., et al. 13 Tristram, G., see Barate, R., et al. 505 Truini, P., Olivieri, G., Biedenharn, L.C.: Three Graded Exceptional Algebras and Symmetric Spaces 47 Tschistilin, V., see Albrecht, H., et al. 7 Tsipolitis, G., see Albrecht, H., et al. 359 Tylka, A.J., see Berger, Ch., et al. 351 Tymieniecka, T., see Braunschweig, et al. 13

Tysarczyk, G., see Braunschweig, W., et al. Ullaland, O., see Breakstone, A., et al. 333, 475 Urban, L., see Arneodo, M., et al. 167 Urban, L., see Arneodo, M., et al. 167 Van hamme, L., see Alner, G.J., et al. 1 Van hamme, L., see Ansorge, R.E., et al. 175 Van Rossum, L.V., see Barate, R., et al. 505 Villet, G., see Barate, R., et al. 505 Virdee, T.S., see Barate, R., et al. 505 Vogel, E., see Braunschweig, W., et al. 13 Vranić, D., see Dengler, F., et al. 187 Wagner, A., see Bartel, W., et al. 23, 339 Wagner, S.R., see Bartel, W., et al. 23, 339 Wagner, W., see Berger, Ch., et al. 351 Wainer, N., see Braunschweig, W., et al. 13 Walck, C., see Alner, G.J., et al. 1 Walck, C., see Ansorge, R.E., et al. 175 Walczak, R., see Braunschweig, W., et al. 13 Waldi, R., see Albrecht, H., et al. 7, 359 Walker, I.W., see Bartel, W., et al. 339 Wallraff, W., see Braunschweig, W., et al. 13 Wallucks, W., see Arneodo, M., et al. 167 Ward, C.P., see Alner, G.J., et al. 1 Ward, C.P., see Ansorge, R.E., et al. 175 Ward, D.R., see Alner, G.J., et al. 1 Ward, D.R., see Ansorge, R.E., et al. 175 Warming, P., see Bartel, W., et al. 23, 339 Watson, A.P., see Braunschweig, W., et al. Webber, C.J.S., see Alner, G.J., et al. 1 Webber, C.J.S., see Ansorge, R.E., et al. 175

Weber, G., see Bartel, W., et al. 23, 339 Websdale, D.M., see Barate, R., et al. 505 Wedemeyer, R., see Braunschweig, W., et al. 13 Wegener, D., see Albrecht, H., et al. 7, 359 Wegener, D., see Breakstone, A., et al. 333, 475 Welch, G.E., see Berger, Ch., et al. 351 Weseler, S., see Albrecht, H., et al. 7, 359 Whalley, M., see Arneodo, M., et al. 167 Wheeler, S., see Arneodo, M., et al. 167 White, H.B., see Lang, K., et al. 483 White, T.O., see Alner, G.J., et al. 1 White, T.O., see Ansorge, R.E., et al. 175 Wicklund, E., see Braunschweig, W., et al. 13 Williams, W.S.C., see Arneodo, M., et al. Wilquet, G., see Alner, G.J., et al. 1 Wilquet, G., see Ansorge, R.E., et al. 175 Wimpenny, S.J., see Arneodo, M., et al. 167 Windmolders, R., see Arneodo, M., et al. 167 Winter, G.G., see Berger, Ch., et al. 351 Wojcik, W., see Barate, R., et al. 505 Wolf, G., see Arneodo, M., et al. 167 Wolf, G., see Braunschweig, W., et al. 13 Wolf, G., see Dengler, F., et al. 187 Woloshyn, R.M.: Vector Meson Radiative Decay in Lattice QCD 121 Wormser, G., see Barate, R., et al. 505 Wroblewski, A.K., see Tkaczyk, S., et al. 33 Wu, S.L., see Braunschweig, W., et al. 13 Wu, T.T., see Bartels, J. 583

Wurth, R., see Albrecht, H., et al. 7, 359 Wuthrick, J.P., see Barate, R., et al. 505 Yagil, A., see Albrecht, H., et al. 7, 359 Yamada, S., see Bartel, W., et al. 23, 339 Yamdagni, N., see Alner, G.J., et al. Yamdagni, N., see Ansorge, R.E., et al. 175 Yekutieli, G., see Braunschweig, W., et al. Yelton, J.M., see Braunschweig, W., et al. 13 Yeung, R., see Breakstone, A., et al. 333, 475 Yoon, T.-S., see Albrecht, H., et al. 7, 359 Yovanovitch, D., see Lang, K., et al. 483 Yun, J.C., see Albrecht, H., et al. 7, 359 Yung, A.V., see Balitsky, I.I., et al. 265 Zachara, M., see Berger, Ch., et al. 351 Zaitsev, Yu., see Albrecht, H., et al. 7, 359 Zech, G., see Berger, Ch., et al. 351 Zeuner, W., see Braunschweig, W., et al. 13 Zhu, R., see Lang, K., et al. 483 Zimmer, M., see Bartel, W., et al. 23, 339 Zimmermann, W., see Berger, Ch., et al. 351 Zobernig, G., see Braunschweig, W., et al. Zolnierowski, Y., see Barate, R., et al. 505 Zorn, G.T., see Bartel, W., et al. 23, 339 Zorn, G.T., see Berger, Ch., et al. 351 Zoupanos, G., see Barnes, K.J., et al. 427

Indexed in Current Contents Evaluated and abstracted for Phys on STN